

# Will Epperson

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## EDUCATION:

### Georgia Institute of Technology, Atlanta, GA

August 2016 – Present

- Candidate for Bachelor of Science in Computer Science
- Threads in Intelligence and Modeling / Simulation, Minor in Spanish
- Honors Program
- Stamps President's Scholar

Expected Graduation: May 2020

GPA: 4.0

### Holy Innocents' Episcopal School, Atlanta, GA

August 2012 – May 2016

## PROJECTS:

### FairVis: Visual Analytics for Discovering Intersectional Bias in Machine Learning

January 2019 – May 2019

- Designed and developed visual analytics platform for discovering biases in Machine Learning models. Paper published at IEEE VIS 2019 (arXiv:1904.05419).

### Automated Algorithm Design Research

January 2018 – May 2019

- Implemented sentiment analysis pipeline to analyze news articles to aid in predicting stock price movements using Genetic Algorithms. Current project is to visualize the genetic algorithm evolution process.

### Atlanta Crime Map

January 2018 – December 2018

- Lead a team as part of Data Science Club at GT to create a predictive policing tool to help the campus police department in using their data to predict crime in and around campus.

### Citadel Datathon

February 2018

- Created paper about how to make cities safer at Citadel and Correlation One's Datathon at Georgia Tech by using Machine Learning tools like scikit-learn to draw insights from various datasets. Team placed top 3.

### RECONSO Research

February 2017 – December 2017

- Developed interface between core state machine and battery systems on Avionics team of student-led cube satellite project. Learned C while working on project.

## WORK & EXPERIENCE:

### Point72 Asset Management New York, NY

June 2019 – August 2019

#### Market Intelligence Data Analytics

- Worked as Data Scientist in alternative data space to clean, model, and understand large datasets.

### Ultimate Software Weston, FL

May 2018 – August 2018

#### Software Development Intern, Innovation Strategies Team

- Designed and developed a Slack app for the UltiPro HR management tool that allows users to perform core functions like requesting time off and giving feedback directly from Slack. App published to Slack app store.
- Used Typescript, NodeJS, MongoDB, Restful API, and unit testing frameworks.

## LEADERSHIP & ACTIVITIES:

### Stamps Scholars National Convention – Threads Co-chair

January 2018 – May 2019

- Executive board member of Stamps Scholars National Convention, a 3-day conference with over 700 student attendees.
- Responsible for 20-person committee that plans and coordinates the different content threads of the convention.

### Undergrad Teaching Assistant

August 2017 – December 2018

- TA for CS4400 – Intro to Database Systems focusing on relational database design and SQL.
- Responsibilities include office hours, grading, and project creation.

## SKILLS:

**Languages:** Python, Java, C, MySQL, HTML, CSS, JavaScript (with jQuery and D3), Typescript

**Programs & Frameworks:** macOS, Microsoft Windows, Ubuntu Linux, Tableau, Git, Scikit-learn

**Relevant Coursework:** Machine Learning, Deep Learning, Computer Architecture, Algorithms

**Foreign Languages:** Advanced Spanish